chorder

MS-4200/4201/4202/4202L

USER MANUAL

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PREFACE

Thank you for choosing CHARDER MEDICAL product. All features of this product were designed to state of the art and are optimized for simple and straightforward use. If you have any queries or experience any problems not addressed in the operating instructions, please contact your CHARDER MEDICAL service partner, or visit us on the Internet at www.chardermedical.com

GENERAL INFORMATION

We strongly recommend you use the scales on flat and hard surface. Any soft surface, like carpet will cause inaccuracy.

SAFETY INSTRUCTION

Before putting the device into use, please read with care the information given in the Operating Instructions. They contain important instructions for installation, proper use and maintenance of the device.

The manufacturer shall not be liable for damages arising out of failure to heed the following instructions:

- When using electrical components under increased safety requirements, always comply with the appropriate regulations.
- Improper installation will render the warranty null and void.
- Ensure the voltage marked on the power supply unit matches your mains power supply.
- This device is designed for use indoors.
- Observe the permissible ambient temperatures for use
- The device meets the requirements for electromagnetic compatibility. Do not exceed the maximum values specified in the applicable standards.

If you have any problem, contact your local CHARDER MEDICAL service partner.

ENVIROMENTAL

- All batteries contain toxic compounds; disposal of batteries should be delegated to a competent organisation, complying with the deposit of Poisonous Waste Regulation 1972.
- Please do not incinerate batteries.
- The optimum operating temperature for the scale is 5℃ to +35℃; although it will operate at higher and lower temperatures the scales battery life will be adversely effected.

CLEANING

- We would recommend using alcohol based wipes or similar when cleaning the scales.
- Please do not use large amounts of water when cleaning the scales as this will cause damage to the scales electronics, you should also refrain from using corrosive liquids or high pressure washers.
- Always disconnect the scales from the mains power supply before cleaning.

MAINTENANCE

- The scale does not require any routine maintenance. However, we recommend checking the scale's accuracy at regular intervals. The regularity of these checks is dependent on the level of use and the state of the scale. If any inaccuracies occur, please contact your local dealer or CHARDER MEDICAL service partner.

WEIGHING OPERATION

- Before reading detailed instructions on how to use all the weighing functions that are built into your scale, please read the following important guidelines:

Always be sure that the display shows `Zero` before use, if it does not then please press the ZERO key.

- The Professional Medical scale is designed to detect when a stable weight is achieved, the indicator will `beep` twice to indicate a stable weight value, your reading should be taken at this point.

WARRANTY-LIABILITY

- If a fault or defect is present on receipt of the unit which is within CHARDER MEDICAL's scope of responsibility, CHARDER shall have the right to either repair the fault or supply a replacement unit. Replaced parts shall be the property of CHARDER. Should the fault repairs or replacement delivery not be successful, the statutory provisions shall be valid. The period of warranty shall be two years, beginning on the date of purchase. Please retain your receipt as proof of purchase. Should your scale require servicing, please contact your dealer or CHARDER MEDICAL Customer Service.
- No responsibility shall be accepted for damage caused through any of the following reasons: Unsuitable or improper storage or use, incorrect installation or commissioning by the owner or third parties, natural wear, changes or modifications, incorrect or negligent handling , overuse, chemical, electrochemical or electrical interference or humidity, unless this is attributable to negligence on the part of CHARDER MEDICAL.
- If operating, climatic or any other influences lead to a major change in conditions or material quality, the treaty for perfect unit functioning shall be rendered null and void. If CHARDER provides and individual warranty, this means that the unit supplied will be free of faults for the length of the warranty period.

DISPOSING OF THE SCALE

- This product is not to be treated as regular household waste, but should be handed in to an electrical/electronic equipment recycling centre.
- You can obtain further details from your local council, your municipal waste disposal company or the firm which you purchased the product

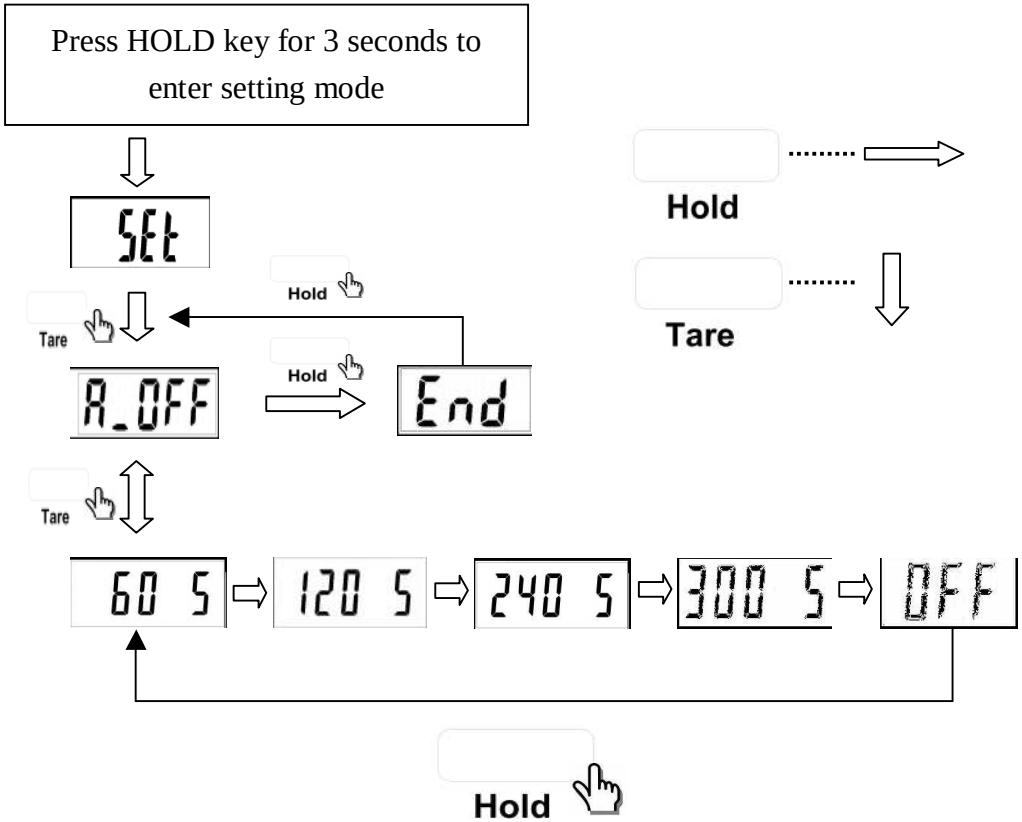
SPECIFICATIONS

MODEL#	MS-4200	MS-4201	MS-4202	MS-4202L
Capacity / Division	20 kg x 10 g	0~20kg x 10g 20~50kg x 20g	150kg x 50g	200kg x 100g
Tray	V	V	X	X
Units of Measure	Kg			
Function keys	ON/ZERO/OFF, HOLD/BMI, TARE			
Stabilisation Time	1-2 seconds			
Operating Temp.	0℃ - 40℃			
Power supply	Six AA size alkaline batteries			
Indicator display	1.0” LCD display with 5 active digits			
Dimensions (w x d x h)	Base: 340 x 330 x 50 mm Tray: 585 x 280 x 120mm			

SETTINGS

Auto-Off Time Adjustment

Auto-Off time feature affects how long will shut-off automatically without any operation.



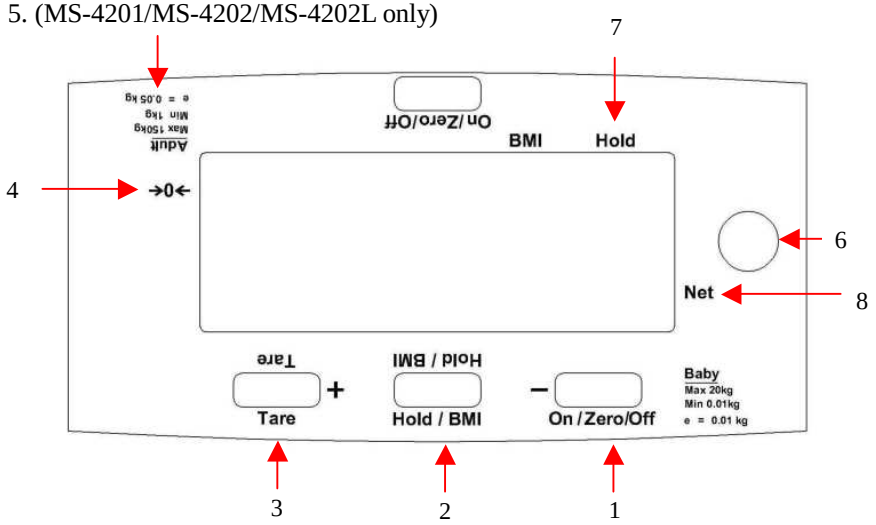
SETTING UP AUTO-OFF TIME

For example: Set up 120s Auto-Off time.

1. Press ZERO for 3 seconds to enter setting mode.
2. Press TARE when A_OFF displayed.
3. Press HOLD to select target time (60/120/240/300s/OFF).
4. Confirm your selection by pressing TARE again.
5. Press HOLD twice to select END mode and press TARE again to complete your setting.

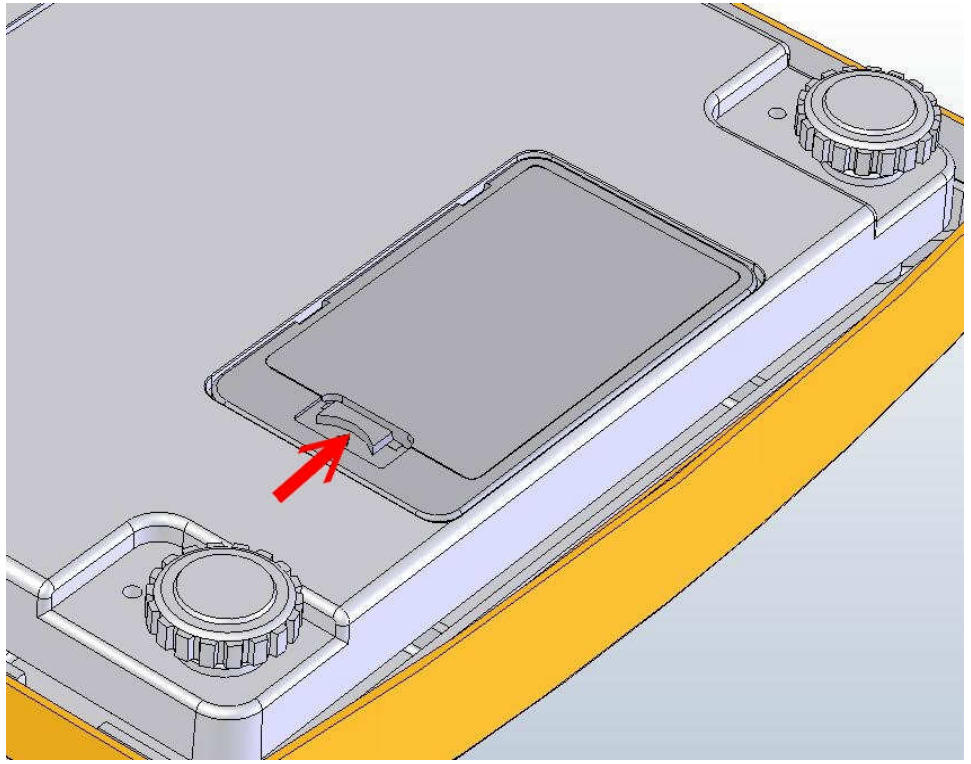
KEY FUNCTIONS

5. (MS-4201/MS-4202/MS-4202L only)

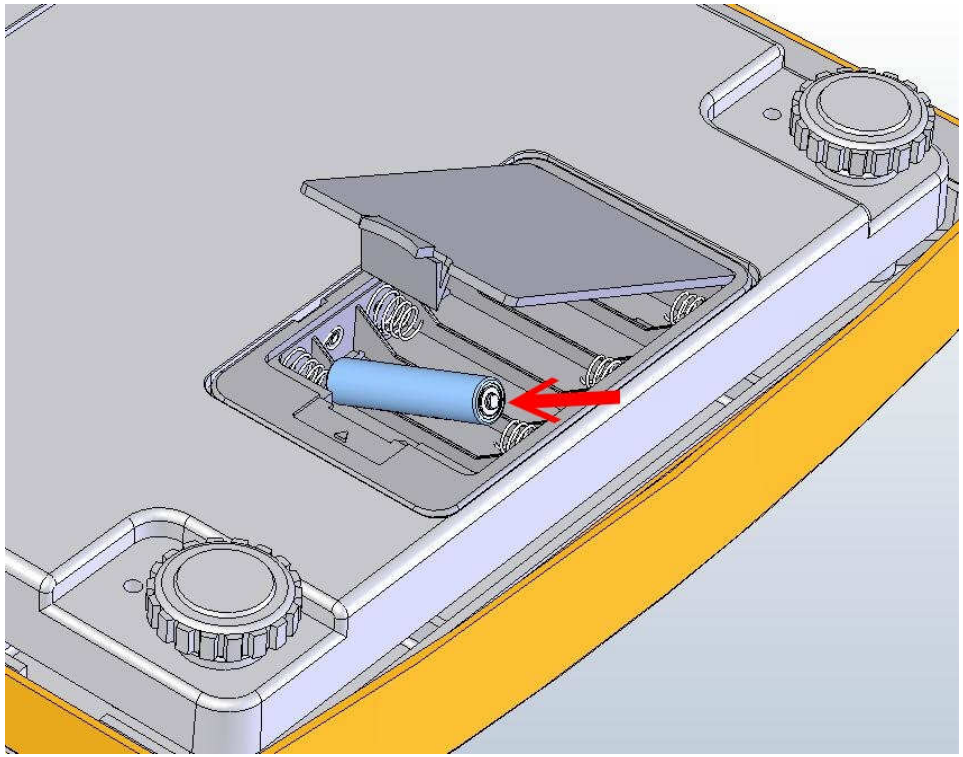


1. **ON/ZERO/OFF:**
   1) Power on the scale.
   2) Zero the scale (±2% of full capacity).
   3) Press this key for 3 seconds to power off the scale.
2. **HOLD: -For baby type**
   Press this key to lock weight value while weighing. Disable the weight lock function by pressing HOLD key again.
   HOLD/BMI: -For teenager and adult type
   1) Press this key once to enter HOLD mode to lock weight value when weighing.
   2) Press this key for 3 seconds to enter BMI mode to calculate body fat.
3. **TARE:**
   Before weighing baby, the weight of any protective paper or napkin placed in the bowl can be deducted by pressing TARE key and obtaining zero. Baby can then be weighed.
4. **Zero symbol**
5. **ON/ZERO/OFF (MS-4201/MS-4202/MS-4202L only)**
6. **Level indicator**
7. **Weight lock mode**
8. **Net weight indicator**

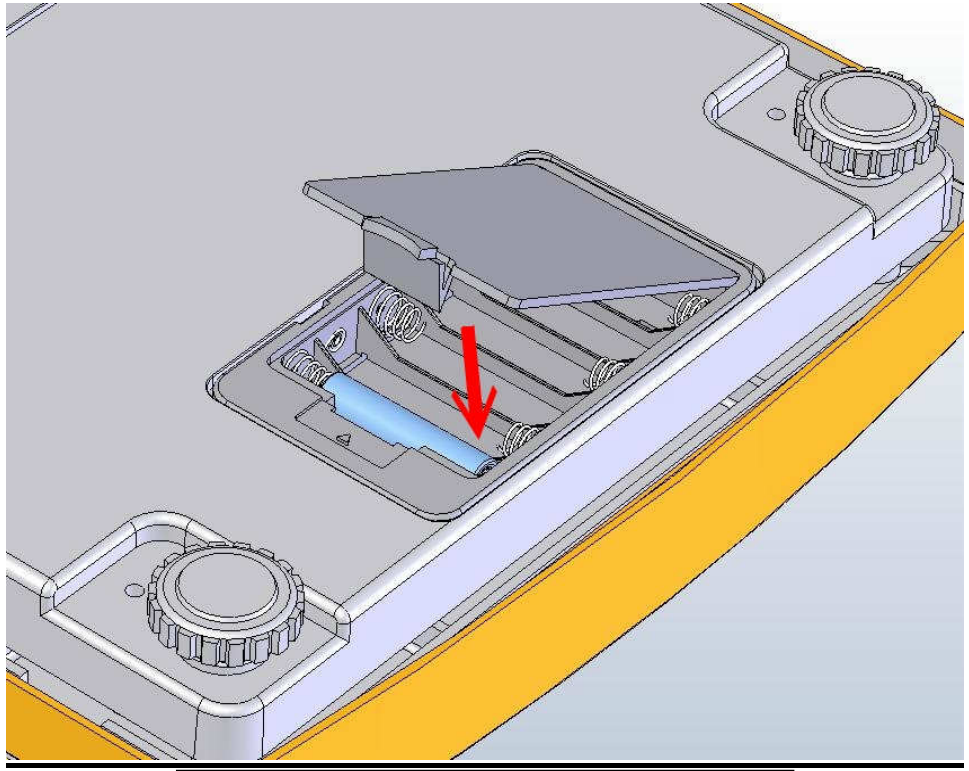
INSTRUCTION FOR REPLACING BATTERY



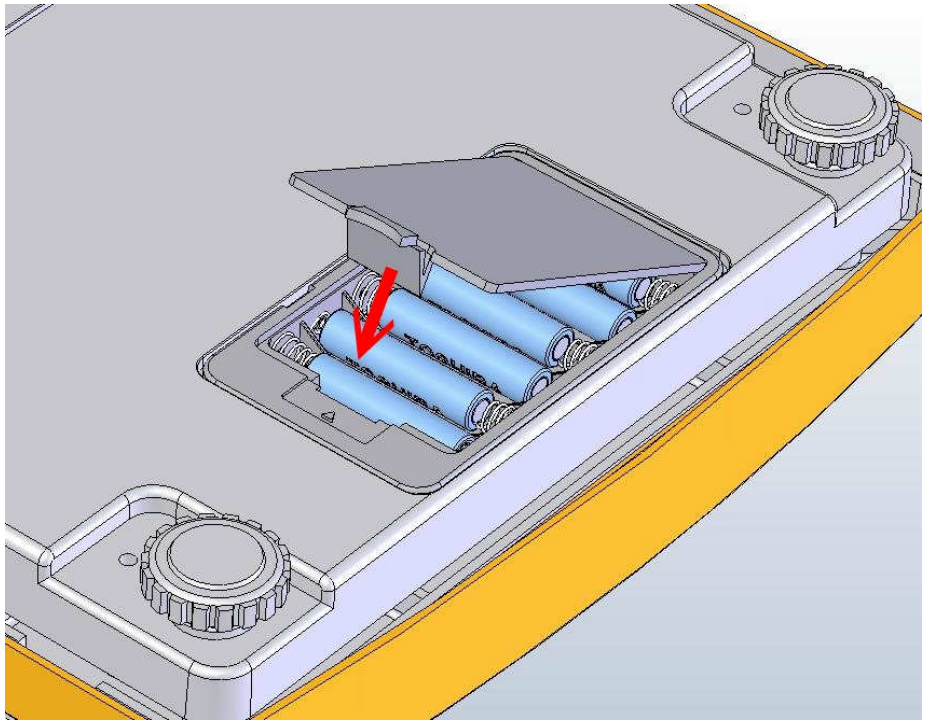
REMOVE THE BATTERY COVER ON BOTTOM SIDE OF SCALE



PLEASE BE CAREFUL OF CORRECT BATTERY DIRECTIONS WHILE INSTALLATION



INSTALLING 6 * 1.5V AA BATTERIES



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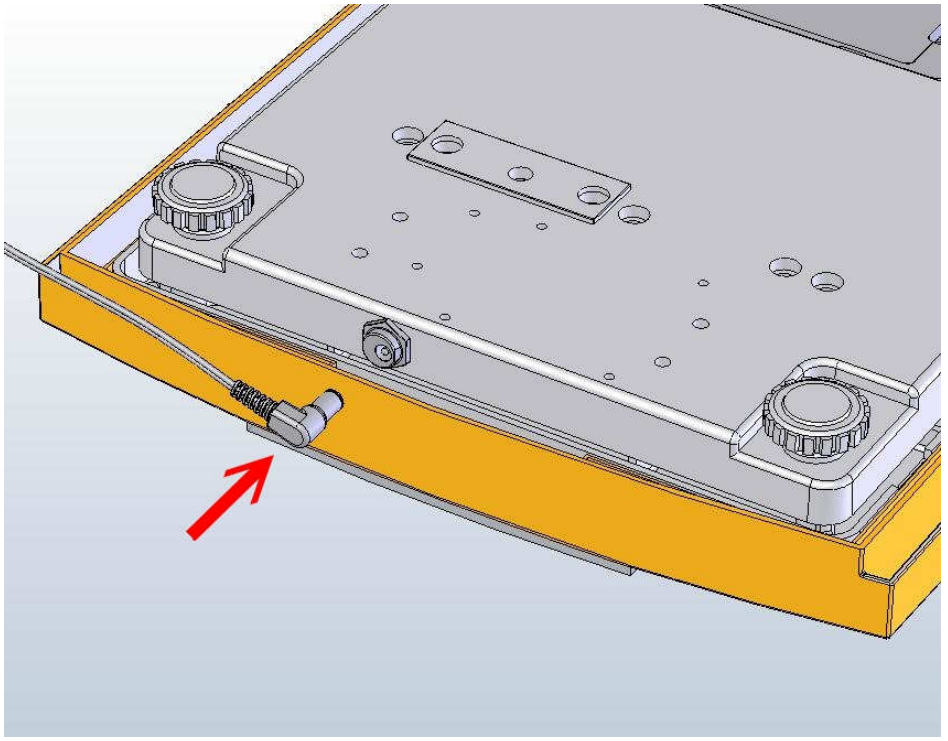


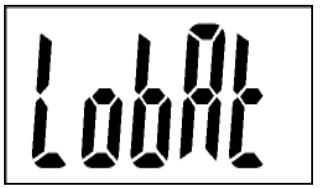
You can also use the adaptor

to supply the power.

ERROR MESSAGE

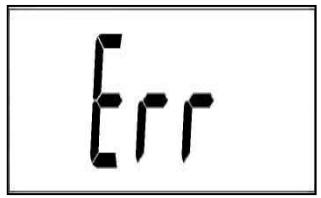
- **Low Battery**

This warning shows that the voltage of battery is too low to use, please replace a new battery or plug the AC adaptor for operation and recharge.



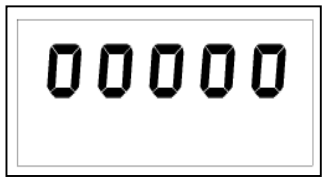
- **Over Load**

The load is over limit, please reduce the loading and try again. If the trouble still exists, please call your local service partner.



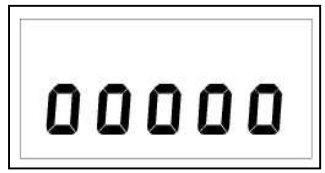
- **Over Zero**

The loading is over limit when power on, please reduce the loading. If the trouble still exists, please call your local service partner.



- **Under Zero**

The loading is under limit when power on, please reduce the loading. If the trouble still exists, please call your local service partner.



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Manufacturer's Declaration of Conformity

This product has been manufactured in accordance with the harmonized European standards, following the provisions of the below stated directives:

Electro Magnetic Compatibility Directive 93/42/EEC

Low Voltage Directive 2006/95/EC

FCC CLASS B Declaration of Conformity

This device complies with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules

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